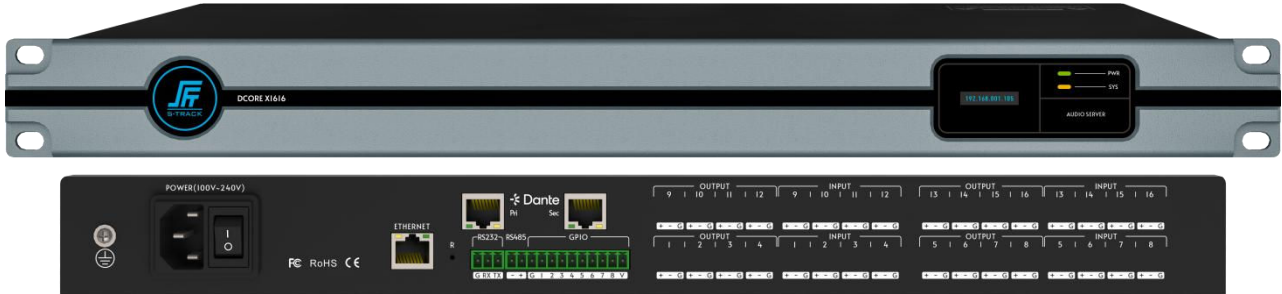
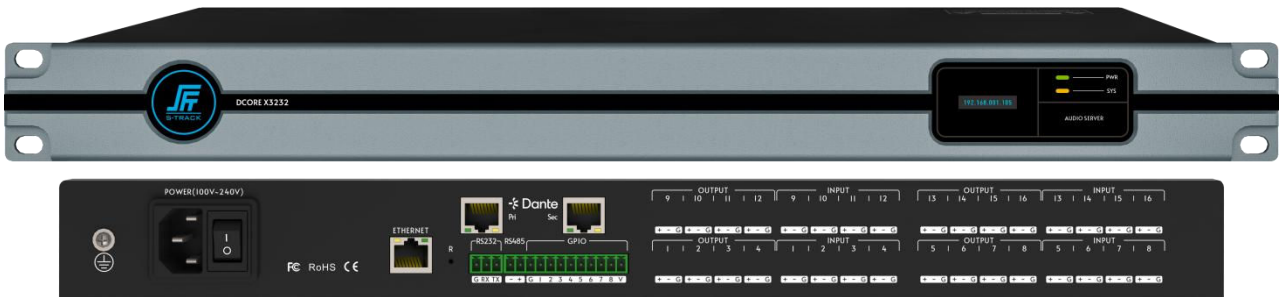


# DCORE X Series

## Digital Audio Server



16 In 16 Out DCORE X1616



32 In 32 Out DCORE X3232

## Product Introduction

This device supports a maximum of Dante channel 32 in 32 out, DSP processing bus structure, restore high-quality sound, mainly used in a variety of large-scale venues, can meet the theater, concert halls, remote video conferencing, sports stadiums, churches, conference centers, theme parks, public sound reinforcement systems, and other aspects of the application of the needs. Simple operation and powerful performance.

## Functions

- The first 16 inputs DSP audio processing, built-in automatic mixing console, including mixing and automatic mixing functions, but also has a mixing component control function; at the same time with AFC, AEC, ANS module;
- The first 16 inputs per channel: Signal Generator, Expander, 5-band Parametric Equalizer, Compressor, Automatic Gain Control (AGC), Automatic Mixer (AM) etc.;

- The first 16 outputs per channel: Delay, Crossover, Limiter, 31-band Graphic Equalizer , Invert;
- Display shows the IP address;
- Test signal generator, Sine wave, Pink Noise, White Noise, frequency and level magnitude selectable;
- Input phase button, mute button, phantom power button;
- Output mute button, phase button per channel;
- Supports Simplified Chinese, English and Traditional Chinese languages;
- One-click display of all function modules;
- Storing user manual and software with the device;
- Central control code generated in the control software; power failure automatic protection memory function; one-click reset function;
- Channel copy, paste, group control function;
- Supports setting the maximum and minimum volume range for each channel;
- The same host allows 10 users to manage;
- Device name can be modified;
- Editable preset mode, new, delete, modify, one-click reset, preset mode can be stored to computer and one-click reset;
- With camera tracking function, can independently adjust the preset position of a camera, compatible with VISCA, PELCO-D, PELCO-P three control protocols, support for custom commands;
- Ethernet multi-purpose data transmission and control port, can support real-time management of single and multiple devices;
- Intuitive image, simple and easy to understand the graphical software control interface, for customers to bring fast, real-time operating experience;
- The device does not need a CD, comes with installation software, a device for a software version, to solve the troubles caused by the loss of the installation CD and the confusion of multiple software versions;
- Configuration of bi-directional RS232 interface, RS485 interface, standard Ethernet control interface, 8-channel programmable GPIO control interface (customisable inputs and

outputs), level support for external inputs 3.3 ~ 24V;

- Support 100 groups of scene presets, scene new, save, delete and other functions;
- Intuitive, graphical software control interface, works on Windows XP, 7, 8, 10, 11, etc.;
- ✧ Support mobile iOS, iPadOS, Android control software.

## Specification

Category	Parameter Item	Parameter Description
Peripherals	Input Interfaces	16/32 Dante
	Output Interfaces	16/32 Dante
	Display	Displays the device IP address
	Control Interfaces	1 RJ45 interface, 1 RS232 interface, 1 RS485 interface, 8 GPIO control interface
Audio processing	Processor	TI 456MHz FLOPS dual-core 32-bit DSP processor; 24-bit A/D and D/A converter, 48kHz sampling rate
	Input Channel	Functional component: Preamplifier, Signal Generator, Expander, 5-band Parametric Equalizer, Compressor, Automatic Gain Control (AGC), AM (Gain Sharing Automatic Mixer or Gating Automatic Mixer), Acoustic Feedback Canceler (AFC), Acoustic Echo Canceler (AEC), Adaptive Noise Suppressor (ANS), Parametric Equalizer filter type selectable (Low Shelf, High Shelf, Low Pass Filter, High Pass Filter)
	Output Channel	Functional component: Delay, Crossover, 31-band Graphic Equalizer, Limiter
	Frequency Response	20Hz~20KHz, ±0.2dB
	Crossover	Three types of high and low pass filters: Butterworth, Bessel and

		Linkwitz-Riley
	Equalizer	Parametric Equalizer: Frequency: 20~20kHz, Gain: -15~+15dB, Bandwidth: 0.02~4 Graphic Equalizer: Frequency: 20~20kHz, Gain: -15~+15dB
	Dante network latency	< 1ms
General specification	Operating Voltage	AC 100V~240V, 50Hz/60Hz
	Maximum Power	40W
	Operating Temperature and Humidity	0°C~40°C, 10%~90%RH, No condensation
	Chassis	1U
	Product Dimensions (L×W×H)	482.4mm×260.5mm×44mm
	Net Weight	2.5kg
	Package Dimensions (L×W×H)	590mm×340mm×110mm
	Package Weight	3kg